

Docket 3821.01  
April 20, 2001 (11:13AM)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re Application of:** Adalbert BANDEMER et al. **Attorneys Docket:** 3821.01

**PCT Application:** PCT/DE 00/03809

**US Serial No.:** unknown

**Art Unit No.:** unknown

**Filed:** herewith

**Examiner:** unknown

**For:** "SYSTEM FOR MINIMISING OR COMPENSATING PMD-INDUCED DISTORTIONS IN OPTICAL TRANSMISSION SYSTEMS AND TRANSMISSION FIBRES IN PARTICULAR"

Commissioner of Patents and Trademarks  
Washington, DC 20231

### PRELIMINARY AMENDMENT UNDER 37 CFR §1.115

Sir:

In an amendment for entry before calculation of fees and preliminary examination, please amend the above application as follows:

**In the claims:**

33. (Amended) System according to Claim 1,  
**characterised** in that said PMD emulator unit is a variable infinite polarisation regulator having sufficient degrees of freedom, which projects said two PSP of the fibre to be compensated onto the PSP of said variable PMD delay element, without thoroughly controlling a local minimum of the overall PMD.

35. (Amended) System for compensating distortions induced by polarisation